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MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 2/20/07 Signature: Joanne Ryan  
(Joanne Ryan)

Docket No.: BBNT-P01-247  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jerry D. Burchfiel

Application No.: 10/671,023

Confirmation No.: 7840

Filed: September 25, 2003

Art Unit: 2618

For: SYSTEMS AND METHODS FOR TRANSLATING  
A VECTOR BETWEEN A REFERENCE  
COMMUNICATION STATION AND A TARGET  
COMMUNICATION STATION IN A GLOBAL  
COORDINATE SYSTEM TO A LOCAL  
COORDINATE SYSTEM THAT IS REFERENCED  
TO THE REFERENCE COMMUNICATION  
STATION (as amended)

Examiner: C. C. Chow

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated October 19, 2006, please amend the above-identified U.S. patent application as follows. The time period for response has been extended to February 20, 2007, by the accompanying petition for a one-month extension of time.

**Amendments to the Title of the Invention** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.